

# "American Ionospheric Propagation Association"

## TV-DX

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AIPA Bulletin--Published first week of each month, 12 issues per year.  
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Editorial....

The month of August brought very little E skip, very good meteor skip on many occasions and near record tropo on a few occasions. There were times when DX in general reached a low point in August, but it did have its good peaks (tropo and M3000). September should bring some real good tropo, UHF and VHF...I hope!

Ray Escoffier of New Orleans, Louisiana has come up with a very fine idea on a column for the bulletin, which he himself would handle. It concerns a compilation and list of all low band stations (chs-2-6), with their test pattern schedule, type of test pattern they each use and if unusual, description, sketch of their test pattern. The purpose would be to aid DXers in identifying M3000 bursts or such. Now, of course, Ray needs member support; so please all who can, send the above mentioned info about stations which you are familiar with to Ray. A sketch or photograph of test patterns would be most helpful. Of course, all photos would be returned as soon as possible. Your prez has tried to supply Ray with enough info for his first column, which will be in this month's bulletin, or if not, then next month. Ray's address is: 230 Citrus Rd., Harehan Br., New Orleans. Without member support, he cannot compile his column.

Membership renewals of late include: Dave Miller, Evanston, Ill.; Leo Weiner, Erie, Penna.; Norris Doyle, Pittsburg, Calif.; John Bettersworth, State College, Miss.; Joe Huber, Shakopee, Minn.; Bedford Brown, Hot Springs, Ark.; Frank Wheeler, Erie, Pa.; Bill Eckberg, Walnut, Ill. New members include: Maurice J. Eschay, Dept. of Parks, 64th & 5th Ave, New York 21, N.Y.; John Cody, 299 Cross St., Middletown, Conn.; Michael L. Evangelista, 124 5th St., Hamburg, Penna.; Walker Ray, 3843 Charles St., Baton Rouge, La.; Bill Meers, 108-5th St., LaGrange, Kentucky; Percy W. Flanagan, 1600 Constance St., New Orleans 13, La.; H.E. Apley, Girard St., Akron, Ohio. A big re-welcome and welcome to all!

Deadlines for next bulletin are: Longview, Wash.; Cardington, Ohio, Loma Linda, Calif.; September 26th; Buffalo (FCC News), Sept. 27th; Austin, Texas (for Bedford Brown's column), Shelbyville, Ill., September 28th; Dunkirk, Eastern reports, Sept. 30th. Watch those deadlines!

That's it for this month. Best of DX to all and regards.

Bob Seybold

Last Minute Note...Word comes from Dennis Smith of Wasco, California, that "Operation Smokepuff", which is late, (due to delays at the firing range), has ionization tests planned for September 25th & 27th, with possible delays putting them off till Sept. 26 & 28. Also, the magazine, QST will have in their "stray" paragraphs, announcements concerning Smokepuff, as well as future articles on results of the tests.

Thanks Dennis.

Barney Rauch of Peoria, Illinois has sent in much well informed data for this column, and we will attempt this month to outline as much as possible.

Barney did not at all go along with me when a few columns back, I knocked the Winegard CL4X and other high gain broadband yagi antennas. At his Peoria location, two Winegard CL4X's are installed 5 ft. apart to favor the low highs and the high lows (7, 8, 9 & 5, 6). These units are mounted on a homemade fold over roof mounted tower, which brings the top CL4X up about 50' in height. He also has a Taco Super Trapper which is mounted 32' above the ground. Under the Trapper is a bank of 16 bow-ties for UHF DX. His line is Amphenol which he likes very much. JFD -pal insulators are used throughout. Speaking of insulators, Barney has made up a very useful one for jumping the lead around the rotor. A JFD-pal is connected to a rather stiff spring which in turn is mounted on a ~~rod~~ radiator hose clamp for attaching to the mast. The use of this device will prevent induction grounding and make the jump a easy job if installed properly. I might add, you can buy this type of insulator already made-up. I believe Allied Radio stocks them. Your local parts supplies should have them also.

In his house, Barney has constructed a control center for his DX work. This panel embraces three rotor motor control boxes, a booster, and a set of five switches which enable him to select any antenna or combination of antennas, and when these switches are in the off position, the antennas are automatically grounded, which is a very good feature indeed. At the input of the panel, there is located a pair of W.E.2 neon glow lights connected in parallel with the lead ins, with a gap to ground. These units are very effective for surges, and Barney noted he shuts down when they begin to glow from same, as before a storm. The comparative breakdown point of this form of arrested is much below the standard carbon type used for most radio reception installations, so maybe we should all look into the possibility of applying this to our own setups.

Barney mentions that last July 8th while using his Winegard CL4X's, he had Cuban stations on channels 3, 4, 5 and WKAQ TV ch2 San Juan, Puerto Rico. He then switched over to the Taco Super Trappers (lower height), and all that could be detected on his CRT was the usual flutter which is produced by very weak stuff (skip). No audio or video as opposed to the other antennas. He did notice however, that he could beam the CL4X's, then cut in the Super-Trapper. He could off beam this one, and clear his video.

I must point out here as mentioned before, that reception of skip on high gain antennas in areas where low band stations are operating, and with these antennas mounted high up, is impossible. For ground wave, gain and height are important assets. For those of you who reside in open channel areas, the investment of a tower and one of the mentioned antennas, will be well worth the expense as far as your DX goes.

It should also be pointed out that DXers like Barney, don't build up their totals on equipment alone; they work darn hard for it, as you and I are all aware of.

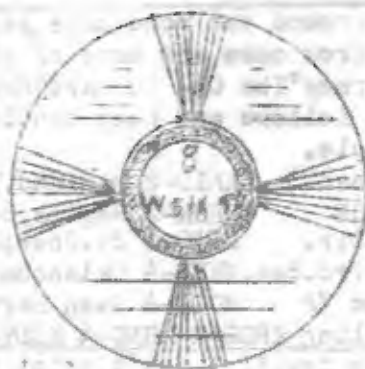
Next month....Barney & UHF.

73's,

King Schafer

Sept. 6, 1957

" FCC NEWS "



Compiled by Art Collins

NEW GRANTS

Ch 2 North Platte, Neb.  
Ch 3 CKSO-TV-1 Sat. of CKSO-TV Sud-  
bury, Ont ch 5 at Elliot Lake Ont.  
Ch 4 Pittsburg, Pa to KQV.  
Ch 4 Charleston, S.C. 58Kw-32Kw.  
Ch 4 Hays Springs, Neb. 100 Kw. Vis.  
Ch 7 Seattle, Wash. to KIRO 316Kw-158Kw  
Ch 7 Amarillo, Tex. 46Kw. 23Kw.  
Ch 9 Monahans, Tex. 27.5Kw-13.8Kw.  
Ch 13 Sioux Falls, S.D. KOOS 29Kw-17Kw.  
Ch 13 Biloxi, Miss.  
Ch 25 Kennewick, Wash.  
Ch 56 Gulfport, Miss. 21Kw- 11.59Kw.

APPLICATIONS.

Ch 5 Albuquerque, New Mexico.  
Ch 7 St. Cloud, Minn. 98.4Kw-49.2Kw.  
Ch 8 Idaho Falls, Idaho 38.48Kw.  
Ch 8 Moline, Ill. 316Kw-158Kw.  
Ch 10 Vails Mills, N.Y. 316Kw-158  
Ch 10 St. Petersburg, Fla. 316Kw-158  
Ch 10 Duluth, Minn. 316Kw-158Kw.  
Ch 12 Farmington, N.M. 31Kw-15.5Kw.  
Ch 13 Bemidji, Minn. 28Kw-14Kw.  
Ch 21 San Diego, Cal 43Kw. 21.5Kw.  
Ch 34 K-LMP(TV) Los Angeles, Cal.  
Ch 37 Delano, Cal.

CALL LETTER CHANGE---- WAAM(TV) ch 13 Baltimore to WJZ-TV.....

AFFILIATES--- WFAA-TV ch 8 Dallas, Tex. ABC-TV in Sept 1957.  
WEAF-TV ch 5 Fort Worth, Tex. NBC Basic outlet.  
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MIS'L NEWS.

CHBC Ch 2 Kelowna, B.C. begins testing on or about Sept 1st.  
CKVR-TV ch 3 Barrie, Ont. Can. doubled power--27Kw-13.5Kw.  
WTIC-TV ch 3 Hartford, Conn. now on tests pattern and tone 9-12 AM & 7-9  
PM Mon thru Fri. till Aug. 23rd. Programing to start Sept 23rd.  
7:00PM to midnite... per H.D. Taylor-Olant Mgr. (wants reports)  
WOAI-TV ch 4 and KENS-TV in San Antonio, Tex. will share one 1,500 ft tower.  
CHAT-TV ch 6 Medicine Hat, Alta. Can. due on air Sept 1st.  
WMAL-TV ch 7 Washington, D.C. went to full power, 316Kw Aug 1st.  
CPSN-TV ch 8 Stephenville, Nfld. Can. went to 490ERP Power & 181.25 Kw Aur.  
KIRO-TV ch 7 Seattle, Wash. new CBS Station will test in late Dec. on Feb. 8.  
KSPS(TV) ch 9 Hot Springs, Ark. delated call letters and CP. (Bedford Brown  
just can't get a local Hii)  
WPST-TV ch 10 Miami, Fla. now on the air with full power of 316 Kw.  
WAVY-TV ch 10 Portsmouth, Va. due on the air Sept. 1st.  
KLSE(TV) ch 13 Baton Rouge, La. testing 1000-1300 CST daily Mon -Fri. until  
Sept 1st. Is a Educational Station.  
KTVW ch 13 of Tacoma, Wash wants to move their TranX and tower to Seattle.  
Thanks to Gene Webb for the info, and on KIRO-TV there.  
Gene sends note that ZEM-TV in Pembroke, Bermuda--CBS-TV Nov.  
WBUF ch 17 Buffalo's NBC UHF soon to be on one million watts.  
WEEK-TV ch 43 Peoria, Ill Ok'ed for 371Kw-186Kw and 710 foot Ant. (NBC-TV)  
Sylvania has announced a new process for producing electrical  
images on FLAT glass panels, this will be our future TV screens. The glass  
will be only one eighth inch thick. Images are produced by electrical and  
optical signals. (Called "Sylvatron") ---OH ME!  
\* The Military has it's eye on Ch 2 to 6 again !!! OH MY ! Art....



Well a nother month has rolled around and some more reports to report to you. Am very please to be able to hear from more and more of you fellows. Been receiving some reports from Bedford Brown, Barney "The Old Buzzard" Rauch, John Parillo, Ed Hepp, Norris Doyle, And a few more. Thanks fellows and keep sending your reports.

Some veris signers from Norris Doyle.

CHOT-2 Canada Box 550, 955 Kideau Road

KOKT 2 Great Bend Kan. H.G. Haelele CE

KROD-2 Tulsa, Okla. Bill Sadler Pro. Dir.

KARD-3 Wichita, Kan. Miss B. Karaben Pro. Sec.

KXJB-4 Valley City, N.D. Lloyd R. Amoo VP

He needs veris signers for the folling

B.H. Rauch from Ill. sends in quite a few, If I don't print them all will next month.

WTW-7 Indiana Edward P. Welcome CE

KEYT-3 Calif. Lloyd Jones Dir. Eng.

WRO -4 Wash. D.C. L.A. McClelland Dir. Operations

WSIX-8 Tenn. Charles Duke

KPRO-2 Texas Jack Harris

QJBR-3 Canada Andre Descoms gr.

KOOK-2 Montana B. Zuck 1

WFAM-59 Indiana C.E. Richardson Pres.

WTVO-39 Illinois John J. Xalin Jr. Agr.

WISN-12 Wisconsin I.E. Showerman VP

KELQ-11 South Dakota Evans A. Nord Gen. Agr.

WNOT-9 North Carolina H.R. Adams CE

WKBT-8 Wisconsin -- Alvin Leewan CE

WDSU-6 Louisiana -- (Form no signer)

KRON-4 California -- J.L. Berryhill CE

KWK -4 Missouri -- R.J. Zehr CE

WGN- 9 Illinois -- Carl J. Meyers Eng.

WEHT-50 Kentucky -- Anita Cook

WOR -9 New York -- (Form no signer)

CBWT-4 Canada -- J.S. Brickenden

WRXK-13 Illinois -- Joe Baisch

WHO -13 Iowa -- Reed E. Snyder CE

WINDU-46 Indiana -- Basil O'Hagan CE

Bedford Brown Jr. got some more reports this month and Thanks to you and send more.

Test pattern for KARK-4 Little Rock Ark.

Monday 0045-0100 0730-0745 EST

Tuesday 0100-0115 0730-0745

Wednesday 0100-0115 0730-0745

Thursday 0100-0115 0730-0745

Friday 0100-0115 0730-0745

Saturday 0100-0115 0830-0845

Sunday 0100-0115 1145-1215

KATV-7 Little Rock-Pine Bluff, Ark. Monday-Friday daily 1600-1630 Accompanied by

classical music sponsor. Test pattern with tone is used on Saturday & Sunday. Saturday

beginning at 1100 extended to 1130 to 1200 varies each week. Sunday 1130-1200 each S.

KOMC-TV-6 Texarkansas, Ark. Tex. Monday through Friday no test pattern Saturday 0815-

0850 Sunday 0845-0900 Test pattern of KOMC-TV is always accompanied by music only.

KATV uses Indian head, Bullseye-tp, and RETMA-chart KTVH uses Indian head and RETMA-Ch

WREC-TV does not use a test pattern at any time.

WHBQ, WNOT, KTBS, KARD, KATV, KYTV, KTTS, WLBTA, KFDX, KORN, KWTX, KTBC, KVOO, KTVI, KWK, KSD, all use

Indian-heads the underlined stations have the call on top.

Ed Hepp 4512 N.E. 37 th ave. has sent me a few veris signers. Thanks also Ed.

WDAF-4 Kansas City, Mo. No signer.

KALY-4 Spokane, Wash. Dave Green Eng. Dir.

One note: KOTI-2 is only running IKW ERP.

Thanks and hope to hear from you again.

Next month this report I believe will have quite a few sign on and off hours as I

have several. Your letters are deeply appreciated at all times even if you don't

have much to report. If I get to any way we will have to enlarge my space.

KMID-2 Midland, Tex. Box 2758 Jerry Blair PD

CECK-2 Regina, Sask. G.A. Strong CE

KFEQ-2 St. Joseph, Mo. Gene Hilsteen Pro. Dir.

KKY -4 Oklahoma City, Okla. Gene Lyons CE

WCCO-4 Gwan Harvey P.D. Minneapolis 2, Minn.

KROD-4 KGNV-4 KEDY-4 KGBD-5 CBFT-2

KMBC-9 Mo. Henry Goltsenberg CE

KTTS-10 Missouri G.R. Ward Agr.

WAVE-3 (Form no signer.)

KTHV-11 Ark. Cecil Suitt CE.

WBAY-2 Wisconsin (Card no signer)

AID -3 Idaho A.W. Schneider ?

KFDA-3 Texas Darrold A. Cannon Jr. VP

WTVS-56 Michigan Dean C. Cook CE

WXLK-19 Wisconsin Arthur F. Schoenhaus

KTVW-13 Washington Charles R. Morris CE

KTIV-11 California Edward E. Benham CE

KTBC-7 ~~Wash.~~ Paul Bolton Texas

WEAP-5 Texas -- Margaret A. McDonald

KEXT-3 Texas -- W.B. Cox CE

KRLD-4 Texas -- B.B. Honeycutt CE

KRQA-7 Missouri -- Merritt Milligan

KOVA-4 Arizona -- R.H. Holsclaw CE

KROC-10 Minnesota -- Robert W. Cross CE

WROA-4 New York -- Lester A. Looney

WMBR-4 Florida -- Dorothy A. Pape

KCRG-9 Iowa -- Carl R. Rollert CE

WGEN-10 Illinois -- Joe Bonansinga Gen. Agr

CHQ 6 Cuba -- (He Can't Deciper name)

KTHV-11 Little Rock, Ark.

Monday 2350-0015 0630-0655

Tuesday 2350-0015 0630-0655

Wednesday 2350-0015 0630-0655

Thursday 2350-0015 0630-0655

Friday 2350-0015 0630-0655

Saturday 0115-0130 0800-0825

Sunday 0115-0130 1130-1155

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Walter W. Spaulding R.D. #3 Box 168 Gardington

Ohio.

John Parrillo, Girard, Ohio--Aug 16, tropes, WKRC12 WHTN13; July 17, Es, tropes, WWTW13; July 18, tropes, WJIM6 WHTN13 (new); WISH8 WGN9 WTTW11 (new) WKRC12 WHTN; July 19, WNEB5 WJIM6 WWTW13 WHTN11 (new); July 24, Es, KRLD4 WOAI4 KPRC2 KFDX3 KSYD6 WKY4 KGNC4 KONT2; Aug 9, tropes, WJIM6; Aug 13, WHTN13 WOOD8 WJIM6; Aug 14, WENS16. His log now at 101 with 4 new this period.

Bryan Rawlings, Montreal, Quebec--(all tropes unless otherwise noted)-- July 31, WBZ4 WKTW13; Aug 1, WKTW13; Aug 2, WHEC10; Aug 3, WKTW13 WHEN8 WRGB6 WCNV7; Aug 5, 7, WSYR3; Aug 8, WSYR3 WHEN8 CBOT4 CKWS11 (new); Aug 10, WCNV7; Aug 11, Ms, WDSM6; Aug 9, 12, 14, 15, 17, 20, 21, & 23, WSYR3 WHEN8 WCNV7. His log 29, 7 new.

Frank Wheeler, Erie, Pa.--Tropes in August included: WJIM6 WNEB5 WSPD13 WSTV9 WSYR3, nothing new. E Skip on Aug 24th with KOA4 ided. New verie in from WREC3. His log at 89.

Bob Martin, Girard, Penna.--Aug 18, tropes, WOOD8 WKZO3 WTVS56 WPAG20 WXYZ7 CKLW9 WWJ4 WJHE2; Aug 25, WENS10 WTVN6; Aug 27, WKEB7 (new) WENS10 WGN9 WNBQ5 (new) Aug 28, WJAC6 WIIC11 (new) WFBG10 (new) WENS10 WKBN27 WFLJ21 WOSU34 (new) WAKR49; Aug 29, WLSL10 (new) WFBG10 WTRF7 WSTV9 KDKA2. His log at 95, 6 new.

Bill Braeb, Kewaunee, Wisc.--July 27, (all tropes unless otherwise noted)-- WMT2; July 28, WOC6; July 29, KROC10 WCCO4 WOC6; July 30, KROC10 WCCO4 KSTP5 KMGH9 (new) WTCN11; July 31, tropes, 365 miles, WTHI10 KHQA7 WGEN10 KWWL7 etc; Aug 1, 413 miles (VHF), WENS10 WCP09 WKRC12 WISH8 etc; UHF, WNDU46 WSET34 (both new); Aug 2, WSET34 WNDU46; Aug 3, same; Aug 6, same UHF, Aug 7, 370 miles, KRNT8 KMMT6 (both new) WH013 etc; Aug 8, 413 miles, WFBG6 WHI07 WGEN10 etc; UHF, WSET34 WNDU46; Aug 10, WMT2 WHEF4 WOC6 WSET34 WNDU46; Aug 11, WMT2 WOC6; Aug 12, WDSM6; Aug 14, 478 miles, KTIV4 KROC10 etc; Es, KOA4 KTVT4 KID3 & these new: KSPR6 KXLF4 KOTA3; Aug 15, 478 miles (VHF); 208 miles (UHF); Aug 16, VHF, 403 miles, WCP09 WTHI10 etc; Also WNDU46; Aug 17, WMT2; Aug 19, WOC6 WSET34 WNDU46; Aug 20, VHF, 260 miles; UHF, WANE15 WJMG33 (both new) WSET34 WNDU46; Aug 21, KROC10; Aug 22, WISH8 KWWL7 WTHI10 WSET34 WNDU46; Aug 24, WMT2 WOC6 WHEF4; Ms, WRC4; Es, KGNC4 KMID2; Aug 25, WTHI10 WSET34. His log now at 112 with 10 new.

Ronald Boyd, Truro, Nova Scotia-Canada--July 2, Es, WFIH2 WBTW3; July 5, Es, WUSN2; July 12, Es, WBAZ3; July 23, Es, WFIY2; July 25, Es, WLMT5 WUSN2 WSCS5 (new); July 27, tropes, WTW02 WCSH6; Es, WLWD2 WLMT5 WFER6 (new); July 28, tropes, WABI5 WCSH6; July 29, same tropes, also Es, WRGP3 (new); Aug 10, tropes, WTW02; Aug 24, tropes, WABI5 WNAC7 WGAN13 WBZ4 & new ones: WJUP9 WPRO12; Aug 25, tropes, WBZ4 WPRO12 WCSH6 WNAC7 WABI5 WJUP10 (new). Also in August, WABD5 WRGA4 WLWC4, all new via Ms. His log now at 58 with 10 new.

Al J. Kopeck, Himrod, N.Y.--Aug 27, Es, WFB04 WESH2. His log now at 64.

Walker Ray, Baton Rouge, La.--Aug 1, KTRK13; Aug 3, (all tropes)-KPRC2 WEAR3 KTRK13; Aug 4, KGUL11 KTRK13; Aug 5, KSLA12 KARK4; Aug 7, Es, WRGA4; Aug 11, KSLA12 KTRK13; Aug 13, 400 miles, KRLD4 KLTW7 (new) KCMC6 (new) WLR3 KARK4 KGUL11 KTRK13; Aug 14, KCMC6 WBAF5 KRLD4; Aug 15, 400 miles, KTRE9 (new) KRLD4 etc; Aug 19, Wala10 WTOK11; Aug 20, KGUL11 KTRK13; Aug 21, WLR3 KGUL11; Aug 22, 250 mi.; Aug 26, 400 miles, KWTX10 (new) KTRE9 KTEC7 etc; Aug 27, KLTW7 KTRE9. Log at 112.

King Schafer, Kenmore, N.Y.--July 26, Es, KTVR2 KOA4 KFBC5; July 28, WKBN27 WAKR49; July 29, tropes, WBAF2; July 30, WFIL6; July 31, WFMJ21 WBNS19 WFBM6; Aug 1, WBRE28 WDAU22 WKJG33 WNDU46 (new); Aug 2, tropes, WCB52 WCAU10 CBFT2 (new); Aug 7, WFMJ21; Aug 8, tropes, WITI6 WISN12 WKXI19 (WDAU22 - Aug 9, WDBJ7 WLSL10 (both new) WBRE28; Es, KOTL3 KDLO3; Aug 13, WLWD2; Aug 18, WCAU10 WRCV3 WFIL6; Aug 25, tropes, WCB52 WRCV3 WCAU10 WRCV4 WFIL6 WLEC7 WJZ13 WTOP9; Aug 27, WDBJ7 WLSL10 WGN9 WKBK7; Es, WSCS5 WDBO6; Aug 28, WIIC11 (new) WHTN13. Log at 216, 7 new.

Art Collins, Buffalo, N.Y.--Aug 2, tropes, CBFT2 (new); Aug 3, tropes, WFIL6 WML7 WCAU10 WGL8 WRCV3; Aug 8, WIIC11 (new); Es, WITI6 WISN12 WKXI19 & new CKRS12; Aug 12, Ms, KMTV3 WREC3 & others good; Aug 13, Ms, KTIV5; Aug 16, Ms, KFEQ2 WMT2 KTV03; Aug 18, Ms, KMTV3 WREC3; tropes, WRCV3 WCAU10 WFIL6 WRC4 WTOP9; Aug 27, Ms, new KTVG6 on DX test (also received by King Schafer); Es, WAGA5 WSCS5 WSAV3 WDBO6. Recent veries in: CKRS12 CBFT2 KBTX3 CKCW2 KDIX2 WLAC5, WIIC11.



Eastern DX Column....Continued....

Bill Eckberg, Walnut, Ill.--July 30, tropo, 355 miles, KFVS12 WEAU13 KFEQ2 WMBV11 WTCN11 KSTP5 WMBR9 WOC64; July 31, WSET34 WNDU46 WKJG33 WANE15 WLBC49 (all new), also WFAM59 WENS10; Aug 1, tropo, 388 miles, KEL011 WOW6 etc; Aug 5, KTV9 KEL011; Aug 6, 511 miles, KTVH12 KCMO5 KSLA12 (new at 683 miles) KQTV21 WTCN11 KTV9 etc; Aug 7, 511 miles, KTVH12 KODE12 WEAU13 WDSN6 (new) KMB09 etc; Es, WESH2 WMBR4 (new); Aug 8, WJIM6 KMB09; Aug 10, KFVS12; Aug 12, WMBV11; Aug 14, WHAS11 WFAM59 WEAU13; Aug 15, KEL011 KOLN12 KTV9 WOW6; Aug 16, WMBV11 KFVS12 WHAS11 WKRC12 WPO9. Log now at 156 with 9 new.

Michael Evangelista, Hamburg, Pa.--May 22, Es, KWK4 WAPA4; June 11, Es, KTVI2; June 17, WKY4 KVO02; June 29, WDAF4, tropo, KDKA2; July 25, Es, KPRC2 WBRZ2; Aug 4, tropo, WTAR3 WXXS.

Ross Brown, Tupperville, Ill.--July 20, tropo, CKVR3 CKNS11 CHEX12 WNEF12; July 24, Es, WBRZ2 KPRC2 WAIQ2 (new) WLET3 KBTX3 (new) KFDE3 KENS5 KOEN6 WDSU6 KRIS6 (new); July 25, UHF, WANE15 WBUF17 WFMJ21 WKHN27 WKJG33 WSET34 WNDU46 WKNX57 WSJV52 WPAG20; July 26, UHF, chs. 15, 33, 35 (WSEE35) WLBC49 WSJV52; July 30, UHF, chs. 17, 20, 35, WAKR49, also 52, 57; July 31, UHF, chs. 15, 17, 21, 27, 35, 49, 52, 57; VHF tropo, WBBM2 WFBM6 WGN9 & these new: WOC6 KWWL7 WMT2, also WBBF4 WIIC11 (new) WMBV11 WTTW11 WKRC12 WHAS11 WISH8 WBAL11 WHEC10 WFBG10 WNBQ5 etc; Es, WCRS2; Aug 1, WJAC6 WFBG10 WBAL11 WMBV11 KTVI3 & UHF, chs. 15, 17, 21, 27, 33, 46, 34, 49, 57 & WIMA35, also new WOSU34; Aug 2, WANE15 WTAP15 WHIZ18 WFAM59 WLBC49 & chs. 17, 19 (WXIX) 21, 27, 33, 46, 49, 52; Aug 3, WISN12 WKIX19 & UHF chs. 15, 20, 34 & 52; Aug 4, Es, WKY4; Aug 6, UHF chs. 15, 33; Aug 7, tropo, WREX13 KWWL7 WMT2 & these new: WHO13 KTVH12 KAKE10 (840 miles), tentative WIBW13 & UHF chs. 15, 33, 46, 52. His log now at 217.

John Coda, Middletown, Conn.--July 29, Es, WSAV3; July 31, WBAL11; Aug 9, Es, WLWC4 WSM4; Aug 10, Es, KARK4; Aug 11, Es, KARK4 KYW3; Aug 13, Es, KSD5 KTIV4; Aug 15, Es, WLWC4; Aug 16, Es, WNEH5; Aug 21, Es, WBBM2; Aug 24, tropo, WXXS8 WTOP9 WGA18 WAM13 WBAL11 WRVA12 WJUR9; Aug 25, tropo, WTTG5 WJMI13 (WJZ13 now) WBAL11 WGA18; Aug 27, Es, WLET3. His log now at 45 with 19 new.

Ivon Harris, Chatham, N.J. (Following DX logged at Northeast, Penna.)--Aug 19, tropo, WTOP9 WJAC6 KDKA2 WPCV3 WFIL6 WCAU10 WRGA4 WABO7 WCRS2 & others closer; Aug 20, tropo, WMBR2 WGR2 WROC5 WBBN4 WABD5 WSYS3 WDAU22 WBR28 WILK34 WATL16 & other VHF; Aug 22, WRC4 WTOP9 WHEN8 WJAC6 WRCV3 etc. His log now at 24 with 14 new.

B.J. Bingham, Festus, Missouri--July 3, tropo, 600 miles, WSPD13 WJW8 WTK11 WHTN13 KODE12 KTV9 KOTV6 KVO02 KFEQ2 KMB09 KCMO5 WDAF4 WIBW13 KAKE10 KOAM7 WBBM2 WGN9 WKB7 WNBQ5 WTTW11 WREX13 KTHV11 etc; July 8, tropo, 600 miles, WJW8 KYW3 WSTV9 WTRF7 WHTN13 KNOE8 WLWA11 WABT13 WEAU13 WTTV13 WKBT8 KTV9 WOOD8 WDEF12 KMTV3 WOW6 KOLN10 KCRG9 WFBM6 WLA05 WEN010 KATV7 WENS10 WOIS5 KVO02 etc; July 15, Es, KFEG5 KHPL6 KID3 KMLF4 KOOK2 KDIX2. His log now at 153 with 13 new.

Don Roller, Ft. Wayne, Ind.--Aug 6, tropo, KTVH12 KAKE10 (both new) KGE05 (at 732 miles) WSIL22 (new) & many others; Aug 16, tropo, WHO13 KRNT8 (new) KWWL7 WOW6 WOC6 WBBF4; Es, CKCK2; E ship in August included KXLF4 KID3 KOTA3 & new KSPR6. WMT2 also new via tropo in August. Don's log now at 193 stations.

B.H. Rauch, Peoria, Ill.--July 21, 23, 26, 27, 31, tropo, 200 miles, WTTV4 WISC3 KFVS12 KTV03 WITI6 WTVW7 WFBM6 KOMU8 KCRG9 WISN12 KRNT8 WTHI10 KWWL7 WHO13 etc on various occasions; July 24, 500 miles, KTVH12 WIBW13 KMTV3 KCMO KODE12 (new); July 25, 450 miles, WTCN11 KMB09 WAIQ2 (new) (600 miles tropo) KCMO5 WEAU13; Es, CKCK2; July 26, Es, CKCK2; tropo, KCMO5 WOW6; July 28, Es, KMID2 CMQ6 (new); tropo, 400 miles, WPSD6 WKBT8; Es, KUTV2 KTVR2; July 30, Es, KTVR2; tropo, KMB09 KROC10 KCMO5 WOW6 WTVF17; July 31, WKIX19 WTVF17 KCMO5; Aug 1, WTV039 WKIX19 KEL011; Es, KUTV2 KTVR2; Aug 2, Es, KTVR2; tropo, KCMO5 WOW6 WPSD6; Aug 3, tropo, 400 miles, WMBV11 WSPD13 (both new) WKBT8 WTTW11; Aug 5, 375 mi., WKZ03 KMTV3 KOLN10 KFEQ2 KCMO5 WOW6 WTV039 WTVF17; Aug 6, 500 miles, WIBW13 KOLN10 WPSD6 KMB09; Es, CKCK2 KTVR2; Aug 7, WTCN11 WIBW13 WOW6 etc; Aug 8, 500 mi., KAKE10 WIBW13 KTVH12 WOW6 etc; Aug 9, WIBW13 WMBT8 KCMO5 etc; Aug 10, 11, 13, 14, 15, 16, 19, 20, 21, 22 & 23, tropo, 525 miles, KDKA2 (new) KFEQ2 WKZ03 KCMO5 KEL011 WPSD6 WTCN11 KMTV3 WOW6 WKBT8 WTVF17 WTV039 etc; Aug 15, Es, KTVR2; Aug 14, Es, KMID2; Aug 22, Es, CKCK2. Very good tropo month. His log 239, 7 new.

\*\*Eastern DX Column....Continued....

Norm Ernt, Lenmore, N.Y.--Aug1, tropo, WBNS10 WLWC4 WFMJ21; Aug8, tropo, CKRS12 (new at 475 miles); Aug9, WOOD8; Aug12, WOOD8; Aug13, aurora, WCB2; Aug14, WTVN6; Aug24, WLWC4; Aug26, WRGB6; Aug27, WTVN6; Aug28, WTVN6 WGN9 WHI07 WBNS10 WIIC11 (new) WTKN15; Aug29, WTVN6; Aug30, WRGB6 WTVN6 WBNS10; Aug31, WTVN6. All tropo. His log now at 134 with 3 new.

Don J. Butler, Montreal, Quebec--Aug2, 5, 7, 8, 15, 19, 26, 30, tropo, WSYR3; same also for WHEN8; WKTU13, tropo, on Aug2, 5, 8, 15, 19, 26, 30; Aug19, Es, WBBM2 (new); Aug26, tropo, 500 miles, WGR2 WHEN4 (both new). WROC5 logged on various dates via tropo in early AM. Don's log at 20 with 3 new.

Don Middleton, Sanford, Fla.--Aug6, Es, KTV03 WBBM2 LFEQ2; Aug7, Es, WMT2 WBBM2 WCB2 KMTV3 LFEQ2 KTVI2 WSYR3 WBAY2 KTCa2; Aug11, tropo, WNET9 WITN7 WPST10 WEAT12 WKCT7; Aug24, Es, WDAY2 KGL03; Aug25, WBTW8.

Harry Webster, East Jordan, Mich.--July25, Es, WLET3; July27, Es, KPRC2; tropo, WISN12 WTMJ4 WFRV5; July30, tropo, WCC04 KSTP5 KGL03 WTTW11 KCRG9; July31, tropo, WOC6 (400 miles); Aug7, KDAL3 WDSM6 KSTP5 WEAU13; Aug10, WJBK2 WISC3 WISN12; Aug12, Es, KMID2 KFDX3; Aug13, tropo, WFRV5 WBAY2 WTMJ4 WMBV11 WJIM6 WDMJ6; Aug21, WFRV5 WBAY2 WMBV11 WTMJ4 WISN12; Aug25, KSTP5; Aug26, WBNS10 WGN9 WISC3 WGR2 CJIC2 WTMJ4; Es, KCBJ5; Aug27, Es, KOa4, tropo, WITI6; Aug29, WITI6 WDEM5 WBBM2 WDMJ6. His log now at 45 with 12 new.

Aug22, tropo, WTIC3 (new local)--William Grant, Worcester, Mass.--Aug23, tropo, WRCV3; UHF, WATR55 WJLP22 (both new) WHCT18 WNEC30; Aug24, tropo, WFIL6 WCAU10 WTOP9 WTAZ3 WXXK8 WBL11 WMAR2 (last 5 new) CBHT3 WLB15 WTV02; Aug25, Waam13 WGA18 (both new) WRCV3 WRGB6 WFIL6 WGLU10; Aug27, Es, WPTV5 WSAV3 WUSN2 Waga5 WOSC5 WOTV6 (new); Aug30, tropo, WAVY10 WVEC15 (430 miles).

David Janowiak, Milwaukee, Wisc.--July31, tropo, KTV03 WHEF4 KSTP5 KRNT8 KROC10 WHO13 & these new; WO15 KMT6 KEL011; Aug2, tropo similar to July31, KETC9 (new); Aug7, KEVS12 KDAL3 KROC10 WHO13 KRNT8 WBNS10 WCC04 (new) WTCN11 KMG9; Aug8, tropo, CHCH11 KMG9 KRNT8, also Detroit chs2, 4, 7, 9, Ontonagon, Indiana & these new; KODE12 KTVH12 KOAM7 KTTS10 KTHV11 (620 miles); Aug16, Ms, WTVJ4 (new); Aug23, Es, CBHT2 CBHT3 CKGW2 (all new) WTV02; Aug24, Es, KPRC2 KMID2; Aug27, tropo, 350 miles east; Aug24, Es, KFDX3 KCKT2 KMTV3 (new); Aug31, Ms, WOW6. His log now at 166 with 16 new.

Carl Lupton, Shelbyville, Ill.--July31, Es, WTV02; WTV WCB2; tropo, WLAC5; Aug1, Es, KOOK2; Aug3, tropo, 515 miles, KTVH12 KOLN10 KMTV3 KTHV11 WJW8 KYW3 WSIX8 etc; Aug4, tropo, 440 miles, WTRF7 WXYZ7 (new) WJBK2 WTVN6 WLWC4 WKZO3 WJW8 KYW3; Aug9, tropo, 515 miles, KTVH12 KTTS10 WSM4 WBNS10 WIBW13 etc; UHF, W-NE15 WNDU46 WSBT34; Aug12, tropo, 350 miles, KMBJ9 KODE12 WLAC5 etc; Aug16, tropo, 545 miles, WLAC6 WFBQ10 (both new) WTRF7 WKZO3 WTMJ4 WSTV9; Aug23, Es, CBHT2 WCB2 WHEN4 (new); Aug26, LFEQ2; Aug27, WSPD13 & all UHF out to 250 miles; Aug28, tropo, 380 miles, KTHV11 WBDQ13 WLAC5 WSIX8 WREC3 KWWL7 KRNT8 KCMO5 KMTV3; Aug29, WJW8 KYW3. log at 214 with 4 new, 171 photos.

Paul Swartz, Gibsonburg, Ohio--July30, WLBG49 (new); Aug1, WHIZ18 WTAP15 (both new); Aug3, WKIX19 WKIX57 (both new); Aug22, WKIX19 WHIZ18; Aug23, UHF tropo, 360 miles, WICS20 WTVH19 (both new); Aug27, WSBT34 WNDU46 WSJV52 WLBG49; Aug28, WIIC11 (new). Also WBUF17 WFMJ21 WKEN27 on occasions. Log 172, 8 new.

Bob Seybold, Dunkirk, N.Y.--Aug1, tropo, WKZO3 WOOD8 WFILJ21 WKEN27 WAKR49; Aug2, tropo, WFIL6, UHF chs15, 21, 27; Aug3, tropo, WCB2 WLWD2 WFIL6; Aug4, WRCV3; Aug6, tropo, WRGB6 WAKR49; Aug7, WFIL6 WKEN27 WTVS56 WRAG20 WAKR49; Aug8, WOOD8 WKZO3 WLWD2; UHF out to 515 miles; Aug9, WFIL6 WOOD8 WKZO3 W-NE15 WAKR49 WTVS56; Aug10, WAKR49; Aug11, W-NE15 WKEN28; Aug13, WOOD8 WKZO3 W-NE15 WSBT34; Aug14, WKZO3 WOOD8; Aug15, tropo, WLWD2 WBBM2 WMBQ5 WOOD8 WKZO3, UHF chs15, 34, 56; Aug16, WFIL6 WKZO3 WKEN27; Aug19, WOOD8 WFMJ21 WKEN27 WGN9; Aug23, tropo, WCB2 WFIL6. Also new WIIC11 (regular now). Late verie: WTV039.

Welcome mat goes out to George R. Bergen, First & Washington Sts., La Grange, Kentucky, as a new member! His log at 40 with 13 verie letters.

Sept. 6, 1957

WAAM ch 13 in Baltimore, Md. will start using the call WJZ-TV on Friday, Sept. 6th.  
 CFPA ch 2 Port Arthur, Ont has been testing their new 28Kw Trnsx.  
 WBUF ch 17 Buffalo, N.Y. went on 1,000,000 watts Fri evening Aug. 30th.  
 CHCH-TV ch 11 Hamilton, Ont. Supposed to be on soon- 150,000 watts Vis. and 90,000 watts audio. We are sure they will push out a signal  
 WIIC ch 11 Pittsburg, Pa. started regular programing Sept 1st.

We are sorry to report that there will be no more TV lists available from here, the source of our lists in Washington, D.C. has stopped this service. There are many of our members who have been waiting for these lists and am sorry to say that they will only receive their fee by return mail. If in the future I can obtain such TV lists, I'll surely put notice of same in the bulletin.

\*\*\*\*  
 Club stationery with personal name & address and business size # 10 Envelopes printed with name & address can be printed here at a low cost to members. (postage will be paid by members with rates higher for postage in Canada) No order less than 200 sheets and 200 of the Envelopes. \$5.50 will cover cost of 200 of each, plus postage.  
 \*\*\*\*

I am thinking of getting Club Seals made up, this is a seal about one inch in size and is used for stickers on envelopes etc. Would like comment on this, would you like such a thing or not.? These would be sold at our cost, NO profit involved.. (in fact there is no profit along the line anywhere Hi!)

\*\*\*\*  
 Now that our Skip season is about over we urge you not to forget DXing as there is much to be had via of bursts (meteor Scatter). especially on DX tests no matter where they are originating from, TRY for them. I am sure those who saw a Resolution Chart with high pitch tone cycle 1000 or over, on Aug. 27th after 1:00AM CST on ch 6 could be could be pretty sure they had KTVC in Ensign, Kansas on their test. Sept. should be the start of our good ground wave reception on the high bands so our attention shifts to that type of reception and I and King Schafer for two, have just installed high band #1869 7-13 Bazooka Antennas, so let the high bands open wide for us-we're ready! Believe me, these cut 7-13 channel antennas do make a big difference in this type reception. For instance- the very next day after installing the Bazooka I picked up for the first time WDEJ-TV on channel 7 in Roanoke, Va. and the ground wave was not particularly good this day Sun. Sept. 1st. I would not have received this on the low band antenna... Another noticeable change is WIIC ch 11 in Pittsburg, Pa. almost double the signal strength over the low band job, yet, my low band Taco which is tied in with it is not affected.

\*\*\*\*  
 We welcome a new member-Ben "Whitey" Deibler - 178 Main St. Wellsburg, N.Y.  
 Wishing you a good DX year and a lot of enjoyment out of the AIPA Club.

PLEASE TRY FOR THE TESTS PLEASE

A. Collins



"Meteor Scatter Column" Conducted by Carl Lupton, Shelbyville, Ill.

Since the 'Perseids, Rappa Cygnids & Zeta Draconids' showers have been on us for a good part of the month, I find that reception was not above average, possibly due to the solid saturation of gw and E-skip, which has been more than plentiful for all sections.

Barney Rauch, Peoria, Ill. - July 24, KUTV2, WMAR2; July 25, WEAD-13; July 26, CKCK2, CHOT2; July 30, KTVR2, KUTV2; Aug 1, KTVR2, KUTV2, KMTV3; Aug 5, KMTV3, CHOT2, KTVR2; Aug 6, CKCK2, KTVR2, KUTV2, CHOT2; Aug 9, WGR2 (new), WMAR2; Aug 15, KTVR2, KMID2. The times were 0100 and 0330 EDT. Good short report, Barney, keep it up and you'll get better.

Bob Seybold, Dunkirk, N. Y. - July 25, WGBS2, WTW02, WGS05, WCYB5, WMCT5, WPTV5, WAG-5; July 26, WGBS2 WMAR2 WLWD2 WTW02 KDAL3 WCYB5 WAG-5 WMCT5; July 27, WGBS2; July 28, WGBS2 WRC-4; July 29, WGBS2 WBBM2 WGS05 WAG-5; July 30, WTW02 WBBM2 WGS05 WAG-5 WMCT5 WCYB5; July 31, WGBS2 WBBM2 WGS05 WCYB5 WPTV5 WAG-5 WMCT5; Aug 1, WBBM2 WGS05 WPTV5 WAG-5 WRC-5 WCYB5; Aug 2, WGBS2; Aug 5, WGBS2 WTW02 WBBM2 WMT2 WGS05 WMCT5 WL-5 WAG-5 WPTV5 WRC-5; Aug 6, WCYB5 WMCT5 WAG-5 KDAL3; Aug 7, WTW02 WBBM2 WMAR2 WCIA3; Aug 8, WBBM2 WMT2 WCYB5 WPTV5; Aug 9, WGBS2 WTW02 WMCT5; Aug 10, WGBS2 WBBM2; Aug 12, WCIA3 KDAL3; Aug 13, WGBS2; Aug 16, WGS05; Aug 19, WTW02 WGBS2 WBBM2 WMAR2 WCYB5 WGS05; Aug 20, WTW02 WMAR2 WBBM2 WMCT5. Bob mentioned being too busy for a solid report.

Doris Johnson, Longview, Wash. - July 20, KOOK2; 21st, KNXT2, KRC-4; 23rd, CKCK2; 26th, KNXT2; 29th, CHOT2; 30th, KNXT2; Aug 7, KTVR2; 8th, KLRJ2; 10th, KNXT2 KUTV2; 11th, KRCN4 KPIX5, (both new) KNXT2; 12th, KID3 KUTV2 KOOK2 CFRN3 KFAR2 KEN12; 13th, KNXT2 KGO7 (new) KUTV2 KOOK2; 14th, KOOK2. Doris reports a large listing of unids via MS for this month. Better luck next month.

Morris Foote, Middleton, Idaho. - July 29, KVOO2; 31st, KNXT2; Aug 1, KARD3 KTV3 KGN04 KNXT2; 4th, KARD3; 8th, KFEQ2 KGN04 KNXT2; 10th, KFEQ2 KARK4; 11th, KARD3 KRC-4; 12th, WKY4 KGN04 WMT2; 13th, WKY4 KGN04 KTV03; 15th, KGN04 KDLO3 KNXT2 KTIV4; 16th, KVOO2 KGN04 KMID2 KNXT2. Good report, Morris, want to hear from you more often.

Ed Rugel, Independence, Kan. - A short report for this month, but he reports 5 new stations since the 1st of July, namely WLWT5, WREQ3 on 14th; 24th showed WATE6 and Aug 11 WTVN6. Good luck in the future.

Ed Happ, Portland, Ore. - July 10, KRC-4; 11th, KNXT2, 17th, KUTV2 KOOK2, 22nd, KBOI2, new; 24th, KOOK2 KNXT2; 26th, KDIX2; 27th, KLRD2; 29th, CHOT2 KNXT2 KLRJ2; 30th, KOOK2; Aug 2, KBOI2; 9th, KBOI2; 11th, KRCN4 KREM2; 12th, KFAR2; 13th, KOOK2. Ed reported numerous bursts which couldn't be identified, including some on the hi-band.

Art Collins, Buffalo, N. Y. - For the month of August, KMVT3, WREQ3, WGBS2 couple of times, WSM4 WRCV3, WTW02, WBZ4, WMAR2, KTIV, WMT2 KFEQ2, KTV03. Art reports that he has not received any TV lists yet, so my advice is to look via MS for any new stations that come on.

King Schafer, Kenmore, N. Y. - July 27, WGBS2; Aug 1, KARK4; 2nd WTW02; 3rd, KOTV6; 5th, WMAR2 WBBM2 WMT2 KDAL3; 10th, WBZ4; 11th, WLWD2 KFEQ2 WRC-4 WNBQ5; 12th, WBAY2 KSD5; 13th, WSM4 KPRC2; 16th, KVOO2; 19th, WABI5; 20th, WCIA3 WBTB3; 21st, WERG5. Good report, King, why don't you try for KNXT2?

Jerry Don Burch, Hot Springs, Ark. - July 22nd, WPTV5 WUSN2 WFMY2 WGR2 WBBN4; 23rd, KDAL3 WMFD6 WD3M6 WGR2 KDK-2 WFMY2 KFEQ2; 24th, WGR2 KDAL3 WCYB5 KSTF5 KMID2 WFMY2 WUSN2; 25th, KYW3 WBBM2 WRC-4 WJBK2 WFMY6 WGR2 WGB-2; 26th, KDAL3; 27th, WJAR3 WJBK2 WBTB3 WHBF4. For a summary 22 stations seen a total of 32 times. This in only six days of DXing.

Continued next page

# Meteor Scatter Column Continued

Bedford Brown, Jr., Hot Springs, Ark. - July 24th, KFEQ2 WFMY2  
WUSN2 CFCJ2 CKCK2 WRC4 WGBH6 WBBM2 WRCV3 WBEN4 WMLR2 WFMY2 WJBK2  
WUSN2 WCYB5 WTAR3 KYW3 WSB2 WATE6 WFBM6 WJAC6 WJIM6 WOR2 WMT2 KFEQ2;  
25th, WGR2 KMID2 WJBK2 WMT2 KCKT2; 26th, WMLR2 KYW3 WGBH6 WBZ4 WROC5  
WNBQ5 WBAL11; 27th, WHBF4 WTMJ4 WCCO4; 28th, WTMJ4 WCCO4; 29th, KDKA2  
WBBM2 WJBK2 WFMY2 WUSN2 WCCO4 WHBF4 WBEN4 KDAL3 WISQ3 WMT2 KFEQ2 WJAC6;  
30th, WKAQ2; 31st, WRGB6 WJAC6 WRC4 WBBM2 KYW3 KDAL3 WISQ3 KGNQ4;  
Aug 1, WJAC6 WRCV3 WMLR2 WRC4 WBBM2 KDKA2 KDAL3 WTMJ4 WISQ3; 2nd, WRC4  
KDKA2 WBBM2 WTMJ4 WHBF4; 3rd, WCCO4 WHBF4 WTMJ4 WHBF4; 4th, WGR2 WMLR2  
WBEN4 WRCV3 WCCO4 WHBF4 WTTV4 WRC4 WTMJ4 WGBS2; 5th, WJAC6 WISQ3  
WCYB5 WAGA5; 6th, WJAC6 WISQ3 WCYB5 WAGA5; 7th, WJAC6 WCYB5 KGNQ4  
WFIL6 WRCV3 WAGA5 WKAQ2 CJIC2 WBBM2 WHBF4 WNBQ5 WOIS KMMT6 WOAY6  
KFYR5 KTIV4 WDSM6 KDAL3 WTMJ4 WCCO4; 8th, WMLR2 WMLR2 WRCV3 WFIL6  
WTTG5 WRC4 WRC4 WGBS2 WAGA5 WBEN4 WGR2 KYW3 WCYB5 WAGA5 WISQ3 KDAL3;  
9th, WCYB5 WAGA5 WJAC6 WFIL6; 10th, WRC4 WGBS2 WFIL6 WJAC6 WRC4; 11th  
WTTG5 WRC4 WGR2 WABD5 WBEN4 WMLR2 WROC5 WGBS2 KYW3 WRC4; 12th, WUSN2  
WSB2 WDAY6 KFVR5 WDMJ6 WITI6 KHFL6; 13th, WBAY2; 14th, WCYB5 WAGA5  
WLWT5 WUSN2 WOAY6; 15th, WCYB5 WROC5 WTTG5 WRAL5 WAGA5; 16th, WCYB5  
WTTG5 WRAL5 WUSN2 WGBS2 WLWT5 WNBQ5 WAGA5; 17th, WTMJ4; 18th, WTMJ4  
WHBF4; 19th, WAGA5 WCYB5; 20th, WBAY2; 21st, WBAY2; 22nd, WJBK2 WUSN2.

Bedford has now received 71 stations via MS, some notable one being  
WKAQ2 at better than 2,000 miles; CKCW2 at 1800, plus some good log-  
gings in the hi-band. That Hot Springs really lives up to its name, hi

Ronald Boyd, Truro, Nova Scotia, - July 24, WGBS2 WRC4 WMLR2; 25th  
WGBS2 WRC4 WMLR2 WJBK2 WGR2; 26th, WGBS2 WMLR2 KDKA2 WGR2 KYW3 WRC4;  
27th, WGBS2 WGR2 KYW3 WBZ4; 30th, WMLR2 WBZ4 WRC4; 31st, WGBS2 WGR2  
WMLR2 WJBK2 WYR3 KYW3 WBZ4; Aug 3, WGBS2 KYW3; 5th, WGBS2 WGR2 WMLR2  
WBAZ3; 6th, WGBS2 WGR2 WMLR2; 8th, WGR2 KYW3 WRC4; 9th, WGBS2 WTAR3;  
10th, WGBS2 WGR2 KYW3 WTAR3 WBZ4 WRC4 WRC4; 12th, WGBS2 WMLR2 WGR2  
KYW3 WTAR3 WRC4 WGBS2; 13th, WGBS2 WGR2 KYW3 WTAR3; 14th, WGBS2 WGR2  
KYW3 WTAR3; 15th, WGBS2 WGR2 KYW3 WTAR3 WLWC4 WABD5; 16th, WRC4 WGBS2  
KYW3; 17th, KYW3; 19th, WRC4 WGBS2. Summary: 15 stations logged with  
2 new (WRC4, WLWC4). Hope you get moved to your new location soon,  
and get back in the swing of things. Good luck.

P.S. Art Gollins sends a late note pertaining to the special test  
that KCTV6 held. Description: Resolution chart with very high tone.  
Seen many times. (I didn't see this, Art, you're on your own, hi).

With some members getting situated in their new quarters at  
school, etc., some reports were shorter than normal. I am agreeing  
with others that this annual shower was not as strong as others, but  
the overall response was good. Until next month, good DXing. cfl

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Co-Channel Interference A.I.P.A. Volume IV, Number IX, Sept. 6, 1957.  
 Belford Brown, Jr., 134 West Mineral Street, Hot Springs, Arkansas\*\*\*\*  
 \*\*\*\*\*NOTE-Please try to get reports for the October bulletin in the mail  
 by Sept. 20th, so that the letters can be forwarded to me at college.  
 Delinquents-KRKK-13, K.E.-9, WATE-6, WHP-3, WOLV-6, WFRV-5, KLFY-10,  
 WFTC-4, WISM-6, KPBC-7, WRC-4, WUSN-2, KPLO-6, WALA-10, WKRG-5, KR0D-4,  
 KGUL-11, KFDM-6, WDSU-6, WCAX-3, KGBT-4, WISB-3 (Macon, Wis.), KMID-2.  
 The above delinquents were contributed by Jim H. Werth, Bryan Rawlings,  
 Jerry Burch, Kin. Schifer, Walker R. y, John Perillo, Eddie Albright,  
 and yours truly. We need late verification (this summer) for the above  
 stations; the 11 ones don't work. If anyone can help, would you please  
 drop me a card here in Hot Springs, and I will relay the signers to  
 those who need them. Thanks for all the help on the August delinquents.  
 WJZ-All reports to WKYC should be sent to the Atlanta Educational Tele-  
 vision Commission, 807 Protective Life Bldg., Birmingham, Alabama-thanks  
 to Ray Escoffier.

# Unidentified Programs (All time in E.S.T.)

- Gordon E. Simkin, GM, Linda Lind, California
- 1..June17 3:08-3:16 P.M. ch.3-story for tourists in South Africa-Cape  
 of Good Hope.
  - 2.June17 5:46-5:59 P.M. ch.3-ABC & Mickey Mouse, ad for "State Troo-  
 per at 8:30 P.M.
  3. June17 7:15-8:00 P.M. ch.3-Comey, 7:55-News, Cancer ad, with echo, NBC.
  4. June17 7:35-8:00 P.M. ch.6-ad for "re-lictic Fire Engine at 7:59.
  5. July21 2:50-3:50 P.M. ch.2-Indian-he 't st. att. m, no call.
  6. July24 11:35-11:40 P.M. ch.3-ad for "Radio Free Europe" and some con-  
 test to mail to New York City.
  7. July24 12:40 P.M. week picture on 83 WOI US 3rd Air Div-Any ideas?
- Doris E. Hine, 146 Maple Street, Lexington, Massachusetts
1. July24 8:20 P.M. ch.3-Live show with wild animals & snakes (snakes)  
 signed by Noels
  2. July26 5:43 P.M. ch.4-"Live" show--Today, Ladies cooking show.
  3. July26 4:50 P.M. ch.2-Old Garry Moore daytime show (he's off now.)
  4. July26 4:48 P.M. ch.4-The Jerry Don Show
  5. July26 3:00 P.M. ch.4-1 to watch the "Harplass Theater".
  6. July26 2:00 P.M. ch.2-"Today" show presents Lucky Y at 10:30---
  7. July26 1:30 P.M. ch.4-commercial to watch Marge White Show every  
 Mon-Fri. at 3:30 to 4:00 P.M.
8. Channel Two-NBC at 11:00 on ch.2 call it a 1st Yur Hostier Const Stn.
- Michael L. Evans, 124 North Fifth Street, Harrisburg, Pennsylvania
1. June17 8:30 P.M. ch.3-Deep freeze-Antarctica Operation-Disneyland?
  2. Aug. 7 8:00 P.M. ch.2-A cartoon-prob. Disneyland, ann. said at 9:30  
 the following week "Flint's Day would be shown.
  3. Aug. 7 8:30 P.M. ch.2-a musical show-A man's n' the first song, 2nd  
 a girl sang "Black Eye Susie".
  4. Aug. 4 12:05-12:30 P.M. ch.2-In i-r-h d t t. altern.
- Ed Kinahan P. Schifer, 300 Zirkman Boulevard, Kenmore 17, New York
1. Aug. 9 Friday, 6:10-6:29 P.M., ch.4-Live variety program,  
 with a variety of acts, work out and work hair. There  
 was a live full-size orchestra in the program.
- Burb W. , 3337 Downey Avenue, Regina, Saskatchewan, Canada
1. Week days-ch.2-2:25, 2:35 and 3:05 P.M.
  2. Saturday-ch.2-2:25 (rural) to intern-possibly Krvk,  
 from 8:35-8:45 P.M. (I presume)
- Betty Grimes, 1923 South Taylor, Little Rock, Arkansas-n't \*\*\*we k'ays\*\*
- note-race tter-6:50 A.M.-Indian-heal tps on chs. 5, 9, and 13, Any ideas?
- Jerry Don P. Arch, 131 Liberty Hill, Hot Springs, Arkansas
1. rs-cr ch.13-In i-r-h d t t. altern n - Smur y at 7:15 A.M.
  2. tr. s-cr ch.13-RETM test att. m at 9:25 A.M.- n July 25, northeast.
- Belford Brown, Jr., 134 West Mineral Street, Hot Springs, Arkansas
1. rs-ch.7-aug.28-balls y t. s (live WALK, KKK, RR, KY, etc.) 5:52, 6:23 AM.
  2. Aug. 7-1:35 P.M. ch.2-sc-Disneyland (1:30) with Spanish translation.
  3. Aug. 21-6-ch.4 NBC Kinase pe with Spana trans.-red'd. during WAPArecep.,  
 but was not WAPA. 4. See no. 2 of Jerry's undids.



CI-CP no 1 Int rf r ac ...I. ... V l n, IV, V, X or IX, Sept. 6, 1957-2  
continued with undisturbed r r ... all ti is U.S.T.)

Morris Postle, Box 153, Middleton, Idaho

1. July 2, 11:00 am ch. 2-... but allie w lfer f T-ek, Kansas
2. July 2, 3:40 pm ch. 5-tr... but... survey to... t... n  
in August in what sounded like Tarrytown County.
3. July 31 7:54 am ch. 2-... with c l l l t t s th t looked like KALD-TV
4. July 31 8:00 am ch. 4-... for suitcases fr t K... of El Rancho Cen-  
ter followed by Queen For A D y.
5. Aug. 1 2:00 pm ch. 3-n... f G l...aws.
6. Aug. 1 7:00 pm ch. 4-N C Station W...D..TV(WS FI ch).
7. Aug. 7 7:15 pm ch. 2-t...t...n wit c l l l t t s looked like KMOTV
8. Aug. 10 1:40 pm ch. 4-t...l...n s r...y Ch-3... GE...lers and  
gave a list of towns including Clear Lake and RM t f rd?"-Try KGOLO??
9. Aug. 11 10:31 am ch. 4-Orel Robert's.
10. Aug. 13 7:10 pm ch. 4-c l l l t... k... like KMRT. Tr was with heavy  
black...r...l...t...s, (c...l...h...v...st...r...t...d...w...t...h...W...r...n...t...t...)

Edward R. ... , Independence, Kansas

1. Jun 22 5:25 am ch.4 - Color Bar Tr.
2. Jun 22 8:2 am ch.4 - "n" 1st n carrier & sine in Spanish
3. July 8 7: am ch.1 - "n" 1st n carrier & sine in Spanish
4. July 24 6:4 am ch. - Tr with c 1, 1 c, etc., in a circle in cent r.
5. July 24 7:15 am ch. - Tr with c 1 in upper left part of test pattern.
6. July 24 2:27, n cr.5-in n-n-head test pattern (Pass.KNAC, if trop.-b))
7. July 5 7: am ch.8 - Tr y.
8. July 8 7:18 am ch.7 - July 8 n Sh w/T - KAC-TV.)
9. July 25 4:1 am ch.4 - "n" video carrier n air with tone, n video, until 4:20, n c 1, 1 t n screen and a "IG" 4 in 1 w r right rt of screen with th n n-r-able thin s.
10. July 26 2:3 am ch.5 - "n" sin n n n n n & then the weather 11 at disc. w th r. (It n n't F.V.) What about WNIQ?
11. July 27 2: am ch. - "n" 1st n carrier & sine in Spanish
12. July 27 6:48 am ch.4 - Color Bar Tr.
13. July 27 7:15 am ch.5 - "n" 1st n carrier & sine in Spanish
14. Aug. 8 1: am ch. - "n" 1st n carrier & sine in Spanish
15. Aug. 14 4:1 am ch. - "n" 1st n carrier & sine in Spanish

1. I am not at 5. I am at Linkl.'s H. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842.

Editha M. St. 1954 Orchard Park Drive, Portland, Oregon

1. June 9 1: 45 pm ch.4- a-... Is Your Life.  
2. July 1 11: 55 am ch.4-re-... Is Your Life (S.M.S?)  
3. July 17 12: 45 pm ch.4-...  
1: 15 pm ch.4-... & St rize (spot) Franklin Optical  
1: 45 pm ch.4-... I Search for... vent. (Al ske  
4. July 21 4: 45 pm ch.3-...  
5. July 21 11: 15 am ch.2-... (above).  
6. July 21 12: 45 pm ch.4-...  
and time for... Late Show on ch.2-indic.E.S.T. or C.D.S.T.  
7. July 26 1: 45 pm ch.3-... Stu Irwin Show (C-  
E. KTVK...  
8. July 26 4: 45 pm ch.4-...  
9..Au .13 1: 15 pm ch.3-...  
n the... picture of Stalin in the

[illegible]

1. Aug-13 1:15 - ... write p stl dispatch, then in upper  
left - look at ... WBO-TV.
2. Aug-19 1: ... ft with ... it, writing  
at the top of the screen.
3. Aug-20 2: ... looking up ...  
with wri- ...
4. Aug-21 1: ... st v in t ...  
continue n n at ... ll r rts in E.S.T. Thanks, La f rd

l s t k t    t i c t ch ck th uni a.t nke r t    r- rts. f rd

...al 3 11...  
 ...s, 17V12...  
 ...ug23, W1100(nc...  
 ...ug27, 3e, ...  
 ...trops, W. W110...  
 ...WME2 KGLO3 W1...

Ch1-1a Ch1-2a, 1951, 2000-July 31, 2, WTR2 TTV2; 3, WSR2; Aug1, Ms,  
1, 2, 3, WTR2 TTV2; 4, 2, 11 Ms unless otherwise noted, WTR2 WTR2;  
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9, 1, WTR2 WTR2; 10, 4, WTR2 TTV2; 11, 2, WTR2 TTV2; 12, 3, WTR2 TTV2;  
13, 2, WTR2 TTV2; 14, 1, WTR2 TTV2; 15, 2, WTR2 TTV2; 16, WTR2 WTR2;  
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[illegible]

Aug 27, troops, JDEJ71... H18 log at 109 stations.

Despite the fact that I started out with a low number of stations (195, near 200). I achieved this total of 195 stations in the very short time of one year. Quite an achievement for any DXer(TV) I would say!

### Appendix A

[illegible][illegible]





F2 DX PREDICTIONS: In the entire US will have a chance of at least hearing the BBC. The very best chance is in the east, and central US, and 41 Mc in the West. The average signal from the BBC will be reflected from 1300 to 1400 GMT up to 7 Mc, from 1400 to 1500 GMT up to 5-6 Mc. The signals will be heard from 1300 to 1500 GMT on the average day. Peak days will be DX from 1300 to 1400 GMT and up to 7 Mc. Again, both the 10 reflection and the 30 end will be heard at the same time, in regular DX to be seen or heard. ECT has 5-6 Mc. DX (London time). DX reception the long way around is a distinct possibility, especially in the short path reception in most of the US. The far 30 end is best located for this, and at times around 1500 PST may all occur at the 10 or the air at 0700 GMT. DX the long way around will be received from the west opposite to that on the short path (except for scatter), and a good directional antenna could be used to prove it was the long way around. If short path DX is present, the long path DX will cause severe problems. Scatter may also be present, but again, all most likely occur during short path DX, and do nothing but add to the noise. F2 character is. Other European stations will be heard (and seen) normally, and the 10 end will be heard and faded sooner, especially as the frequency increases, and the 30 end will be heard, but the 10 end will be faded, especially in the far west, except for reception to be heard, it is not heard. Last known F2 reception of signals: 11-12, 13-14, 15-16, 17-18, 19-20, 21-22, except Sunday 1400-1800, 1900-2000 GMT. It is not known if there is any reception of signals during the off periods.

Information is compiled from: Aug '57 Radio-Electronics, 380 varie, "Broadcasting Stations of the World" Part IV, R. & TV Stations (for sale for 75¢ from the Superintendent of Documents, US Government Printing Office, Wash., D.C., but info is over 2 years old.), a list sent me by Larry Vohorn, and the 1956-57 Telecasting Yearbook. Note that the picture standards of Europe, Russia, Venezuela, and Argentina are very near to the US, and will be see-able on most US TV sets - if they are provided with a means of tuning to their video frequency. That is where the converter I spoke of comes in.

**REPORTING IDX:** In reporting IDX, please, if the DX is over 2,000 miles ( or 500 miles above ch 6) list the following if you possibly can: exact time of beginning and end of reception, time of peak reception, ALL other DX on that same day, the method of finding the station, picture characteristics (photo if possible, regardless of how poor the picture is), and just everything else you may be able to put down that might be of help in studying what has happened. I would also like such lists for all DX over 5,000 miles in the past. Of course, list the date and time system. It would save possible confusion, if you'd use the 24 hour method (for all logging), not AM & PM.

#### THE FIVE MOST COMMON STANDARDS OF WORLD TV STATIONS:

U.S.A., 525 lines, 30 frames, 6 Mc channel, N video, FM sound 4.5 Mc, H-15,750, V-60  
Europe, 625 lines, 25 frames, 7 Mc channel, N video, FM sound 5.5 Mc, H-15,625, V-50  
Russia, 625 lines, 25 frames, 8 Mc channel, N video, FM sound 6.5 Mc, H-15,625, V-50  
B.B.C., 405 lines, 25 frames, 5 Mc channel, P video, AM sound 3.5 Mc, H-10,125, V-50  
France, 819 lines, 25 frames, 14Mc channel, P video, AM sound 11.15Mc, H-20,475, V-50

P - Positive picture, N - Negative picture (like the US), Mc - Megacycles,

H - Horizontal scanning frequency, V - Vertical scanning frequency, + - plus.

#### NUMERICAL DESIGNATION OF CHANNEL FREQUENCIES:

U.S.A., ch 1-A49.75 V45.25, ch 2-A59.75 V55.25, ch 3-A65.75 V61.25, ch 4-A71.75 V67.25  
EU ch 5-A81.75 V77.25, ch 6-A87.75 V83.25.  
Europe, ch 1-A46.75 V41.25, ch1A-A46.75 V42.2 5, ch 2-A55.75 V48.25, ch2A-A55.75 V49.25,  
ch 3-A60.75 V55.25, ch 4-A67.75 V62.25, ch4A-A87.75 V82.25.  
Russia, ch 1-A48.25 V41.75, ch 2-A56.25 V49.75, ch 3A-A65.75 V59.25, ch 4-A83.75 V77.25.  
B.B.C., ch 1-A41.50 V45.00, ch 2-A48.25 V51.75, ch 3-A53.25 V56.75, ch 4-A58.2 5V61.75,  
ch 5-A63.25 V66.75.  
France, ch 1-A42.00 V46.00, ch 2-A41.25 V52.40, ch 3-A67.75 V56.15, ch 4-A54.40 V65.55.

A-Audio freq, Mc. V-Video (picture) freq, Mc. ch-channel.

**STATIONS:** (E-experimental, C-under construction, P-planned, T-temporary.

41.25 Europe ch 1, none listed.  
41.75 Russia ch 1, East Germany - Berlin; Hungary - Budapest-E.  
42.25 Europe ch1A, none listed.  
45.00 B.B.C. ch 1, London (Crystal Palace), Divis (Belfast).  
45.25 U.S.A. ch 1, obsolete, 1948.  
46.00 France ch 1, Paris, 441 lines, 25 frames, AM sound, N, reported as off the air.  
48.25 Europe ch 2, Belgium - Antwerp (Flemish Language); West Germany - Grunten, and Bremen; Netherlands - Eindhoven-E; Switzerland - Berne (German Language); Yugoslavia, - Belgrade-E.  
49.25 Europe ch2A, none listed.  
49.75 Russia ch 2, Czechoslovakia - Prague; Hungary - Budapest; USSR (CCCP) - Moscow, Kharkov, Odessa.  
51.75 B.B.C. ch 2, Holme Moss, South Devon, Rosemarkie, Londonderry, Brighton-T.  
52.40 France ch 2 France, Caen; Saar (W Ger) Saarbruecken-O.  
55.25 Europe ch 3, Belgium - Loige (819 lines, 25 frames, 7Mc ch, P video, AM A60.75) (French Lang.); Denmark - Fyn; W Germany - Bremen, Kreuzberg; Spain - Madrid-E; Switzerland - Zurich (German Lang.).  
56.15 France ch 3, none listed.  
56.75 B.B.C. ch 3, Kirk o' Shotts, Rowridge (Isle of Wight), Norwich, Blaen Plwy-G.  
59.25 Russia; ch 3, Bulgaria - Sofia; E Germany - Leipzig; Hungary - Budapest; USSR - Riga, Tallin.  
61.75 B.B.C. ch 4, Birmingham, Meldrum, Sandale, Los Platons (Channel Islands).  
62.25 Europe ch 4, Italy - Monte Luco, Monte Nerone, Monte Pellegrino, Monte Penice, Naples, Pomarico; Netherlands - Eindhoven, Utrecht Lopik; Denmark, - Copenhagen; W Germany - Flensburg, Hechingen; Norway - Oslo-E; Sweden - Stockholm-E; Turkey - Istanbul-E; Switzerland - Geneva (French Lang.); Thailand (Siam) - Bangkok (also listed on US channels 3 & 4 with US standards!).  
64.25 Australia, (A69.75, otherwise like Europe) Melbourne, Sydney.  
65.55 France ch 4, none listed.  
66.75 B.B.C. ch 5, Cardiff, Newcastle, Douglas-T, Isle of Man-O.  
77-05 B.B.C. ch 6, 1950-51



64.25 Australia, (A59.75, otherwise like Europe) Melbourne, Sydney.  
 65.55 France ch 4, none listed.  
 66.75 B.B.C. ch 5, Cardiff, Newcastle, Douglas-T, Isle of Man-O.  
 77.25 Russia ch 4, USSR - Kiev.  
 82.25 Europe ch 4A, Italy - Babbe Urbara, Gambarie, Monte Argentario, Roseto Capo Spulico, Turin.  
 89.25 Russia, Poland - Warsaw-S. (A95.75).  
 99.90 Russia, E. Germany (A106.40).  
 103.25 Japan, (US standards, all except channel frequencies) JOHR Hakodate-O, JOAR Nagoya, JOAK Tokyo, JOLK Fukuoka, ? Hiroshima, JOHF Saitama-O, (A107.75).  
 IDX ON US CHANNELS WITH US STANDARDS: (-S - 625 lines, 25 frames, HZ 5, 625, V-50)  
 Ch 2, Brazil - PRD5 Rio de Janeiro-O (logged as seen in US with call PRG3), PRA6 Sao Paulo-P; Panama - HQA Panama City; Venezuela - YVKS Caracas-S, Maracaibo-S YVKS Relay.  
 Ch 3, Brazil - PRF3 Sao Paulo (to move to Ch 4); Philippines - DZAQ Manila; Guatemala - TG-BOL Guatemala City; Argentina - Buenos Aires-? (reported as seen in US)-S.  
 Ch 4, Brazil - Belo Horizonte PRH6, ? Porto Alegre-P, PRE8 Rio de Janeiro-P; Dominican Republic - Ciudad Trujillo HIT, HIT Relay Santiago de los Caballeros; Venezuela - YVLV Caracas-S.  
 Ch 5, Argentina - Buenos Aires-P LRL9-S (reported seen in US); Brazil - Sao Paulo; Peru - Lima-O; Venezuela - YVLA Caracas-S.  
 Ch 6, Brazil - PRG3 Rio de Janeiro; Colombia - HJRN relay Medellin; El Salvador - YSE3 San Salvador; Uruguay - Montevideo-P.

This list is not perfect, and corrections are welcome and will be listed.

SHORTS: Jimmy Brown of Jackson Miss., wants to trade a US TV for a British one. Anyone know a British TV DXer who might trade? John Parillo of Girard, Ohio, mentions that XEJ-5 of Juarez, Mexico, may be addressed at PO Box 442, El Paso, Texas. Gene Webb of Seattle, Wash., sends many interesting newspaper clipping. Included: Russia claims 27 TVs on the air, and that they will be operating a TV station on the MOON! Oh yes, by 1970. Dutch TV DXers report receiving Moscow and Bucharest. Moscow is planning a TV tower 1/4 mile high. Percy Cox of Visalia, Calif., reports a verie from YVLV-4 signed by M. Sapkowsky. They also claim relays on chs 9 & 11 with 15KW ERP. Programs from 1150-1415 and 1653 to 2330 their time, but it is not known their relation to US time. He also mentions, if your verticle sync doesn't have enough range to lock a 25 frame picture in, your vert size or liperity will help. Be sure to mark where it was, so it may be returned properly.

"Operation Smokepuff" is at last getting under way. Present plans are for rockets to be fired on Sept 25 and 27, although they may be delayed a day at the last minute. Times are not yet available. They expect "hams" to be able to us 144 Mc. and they say in may be like MS, except it will last longer - 30 minutes to an hour. Watch your newspaper for more information. It just might cause some high band DX. For personal interest, I'd appreciate reports of all DX that you think may have been a result of these rockets. Give all the details you can, especially starting time, picture quality, and fading characteristics.

CHAT-TV, (ch ?) Medicin hat, Alta., is to start programs on Sept 1. OFPA is to change call letters to CFCJ. CHBT-TV-2, Kelowna, B.C., starts Sept 1 with relays at Vernon-7, and Penticton-13. CKSO-TV-3 (ch 3), Elliot Lake, Ont., a satellite of CKSO ch 5, Sudbury, Ont., is to be on the air on Oct 15. WDTV, Columbus Bay, Christiansted, V.I. is to be completed by Dec 24 this year, but no channel was listed. AT&T is testing a tropo scatter link from South Florida to Cuba and return near UHF chs 75 and 82 with 100,000KW (100 Megawatts). They plan to send the world Series to Cuba live this year. Certainly with that much power, there is a chance for some real UHF IDX when TV is transmitted to the US. It is unknown as to how much TV they will be sending, or if call letters will be used. The primary use will be for 300 telephone channels each. PLEASE report anything that you think might be from this source. (preceeding info from "Broadcasting-Telecasting") Radio Electronics reports that a TV station in North Africa will be operated with French standards, except that it will have both French and Arabic sound at the same time by a special pulse-time modulation set-up. This will sound like two stations at once on an AM receiver - again, no channel listed.

That's it for this month. Hope there is something of value here for each AIP'er.

-Gordon E Simkin

Hi! I want to wish Frank Hill, a very happy birthday. Frank has been such a wonderful help to me, DX wise--He's a pretty swell guy, and a top DXer. Thanks Frank! I spent a very enjoyable day with Ed Hepp of Portland, Ore. Ed is such a nice young man and a very deserving DXer. I've certainly met some nice people since joining our club.

Bobby Grimes of Little Rock, Ark.: Aug. 1, WBAY-2, Aug. 2, WTVN-6 KTVG-7, KLTU-7, WVKR-2, Maracaibo Venezuela on ch. 9, Aug. 3, KSD-5, WFAA-8, KWK-4, KSLA-12, KRLD-4, Aug. 4, KRLD-4, Aug. 5, WBRZ-2, WKNO-10, Aug. 6, WSIX-8, KLTU-7, Aug. 7, CBFT-2, CKCK-2, XEW-2, Aug. 8, KLTU-7, WGR-2, KVOO-2, WUSN-2, Aug. 10, WBBM-2, KRLD-4, KVOO-2, Aug. 11 KYW-3, WBRC-6, WDSV-6, WDEF-12, WTVN-6, KSLA-12, KTTS-10, Aug. 12, WFAA-8, Aug. 13, KTBC-7, Aug. 14, KLSE-13, CKCK-2, Aug. 15, WDEF-12, WKNO-10, Aug. 16, KFDM-6, KSLA-12, Aug. 18, WDEF-12, WBRC-6, KSD-5, KWK-4, WKY-4, KVOO-2, KTTS-10, Aug. 19, WBRZ-2, Aug. 20, KVOO-2, 104 logged with 14 new. This is real good for your first report.

Jim Dillon and Bert Webb of Lumsden Beach for summer and Regina, June 25, KCKT-2, July 3, KARK-4, KGEO-5, July 4, WBAP-5, July 9, CPQC-8, New, July 13, KVOO-2, July 14, WKY-4, CPQC-8, July 19, WLWC-4, WLWT-5, WFBM-6, July 20, KMID-2, July 21, KTVK-3, Every day--KAMV-or KUMV-8 at 200 miles, 60 logged with 3 new. KMID-2 also new.

Northern lites seen from the H.E. on July 19.

Morris Foote of Middleton Idaho, : July 24, KOTV-6, KARD-3, WOI-5 KFEQ-2, KHAS-5, WDAF-4, WOW-6, KCMO-5, KMTV-3, WMT-2, KMNT-6, KGLO-3, KTIV-4, KCKT-2, KSEP-5, WCCO-4, KFVR-5, new, KXJB-4, July 25, WKY-4, KROD-4, July 26, KMID-2, KFDX-3, KGNB-4, KTVK-3, KMB-5, KCEN-6, KOB-4 July 28, KTIV-4, WHBF-4, Aug. 10, KFEQ-2, KMTV-3, Aug. 11, KFEQ-2, ~~KMTV-3~~, Aug. 15, KARD-3, KCKT-2, KROD-4, 77 logged with 1 new. Lots of good MS--look in Lupton's MS column. I enjoyed meeting you Morris!

Allan Livingston of Tulsa, Okla.: June 25, KNEW-8, June 30, KENS-5 July 3, WGEN-10, WOW-6, WHIO-7, ~~WKXK~~ KMBC-9, WHBQ-13, July 8, WTHI-10 WISH-8, KSD-5, WCPO-9, WHTN-13, KFVS-12, Total logged 61, with 13 new.

Dennis Smith of Wasco, Calif.: June 27, KMID-2, June 28, KMID-2, CBUT-2 new, KOOK-2, KFEQ-2, KMTV-3, KFDX-3, WOAI-4, KEDY-4, KRLD-4, KOA-4 new, KENS-5, KSYD-6, July 10, KOOK-2, KTWO-2, new, CKCK-2, KOTA-3, KRLD-4, KFVR-5, KFEQ-2, Aug. 4, KMID-2, 3 stations new this time bringing his total up to 79.

Ed Hepp of Portland, Ore.: July 25, KTVK-3, KNXT-2, July 26, KNXT-2, WMT-2, KGNB-4, KLRJ-2, KTIV-4, KVQA-4, KCKT-2, KMTV-3, KFEQ-2, KUTV-2, KARD-3, KBTX-3, new, KOA-4, KHAS-5, KTBS-3, KROD-4, KOOK-2, KOB-4 KFDX-3, KVOO-2, KTVR-2, KDIX-2 (MS) KTVK-3, July 27, KLRJ-2, KXLY-4 (trope) July 28, KDIX-2, KDLO-3, KXJB-4, CBWT-4, KFVR-5, CKX-5 NEW, CKCK-2, CBUT-2 trope, July 29, KFEQ-2, KTIV-4, KMTV-3, KHAS-5, KFBC-5 KOA-4, KTVR-2, KOTA-3, CKCK-2, CFRN-3, CHCT-2, July 30, KUTV-2, KOTI-2 trope, July 31, KNXT-2, Aug. 1, IHTP-2, Aug. 3, CKCK-2, Aug. 4, KTVK-3 KLRJ-2, Aug. 9, KFVR-5, Aug. 10, KCKT-2, KLRJ-2, KNXT-2, KRCA-4, Ch. 8 several bursts, nothing ID tho., Aug. 11, KRON-4 new, KUTV-2, Aug. 12 KFAR-2 tent. ms. Aug. 13, ch. 7 and 8 ms, Aug. 22, KCKT-2, Aug. 23, KPIC-4 trope. On Aug. 24, Saturday, at 11:am EST Ed got on ch. 2, a NBC station calling itself the "HOOSEER COAST STATION". Anyone have any ideas???? 3 new this time brings his log up to 72.

Doris Johnson of Longview, Wn., : July 25, KTVK-3, KNXT-2, KVOG-12 trope, July 26, KNXT-2, KLRJ-2, KTIV-4, KCKT-2 KUTV-2, KPRC-2, KTBS-3, KTVT-4, KOOK-2, KOB-4, KVPT-2 new, KFDX-3 new, KVOO-2, KTVR-2, July 28 KDIX-2, KXJB-4, KFVR-5, CBWT-4 new, July 29, CHCT-2, KFBC-5, KTVR-2, KOA-4, KCSJ-5, CKCK-2, KOTA-3, July 30, KUTV-2, July 31, CKCK-2, Aug. 4 KRCA-4, KNXT-2, KLRJ-2, KTVK-3, Aug. 7, KTVR-2, Aug. 8, KNXT-2, KRCA-4, KDLO-3 Aug. 10, KUTV-2, KTVR-2, KCKT-2, Aug. 11, KRON-4, KPIC-5 both new, Aug. 12, KTWO-2, KID-3, Aurora in at 11pm PST until midnite, with CFRN-3 logged and some ms from direction of Hawaii and skip from ch. 2 in Alaska, Aug. 13, KNXT-2, KGO-7 new, by ms, Aug. 14, KNXT-2, Ch. 2 Alaska (KENI or KFAR-??) Aug. 15, KDLO-3, Aug. 23, CKCK-2. July 21, WORA-5 and CMQ-3 both verified. WORA-5 is my farthest at 3,650 miles on ch. 5. Logged 86 with 8 new.

Ed Rugel of Independence, Kansas: July 20, KRLD-4, KHQA-7, July 24, WGR-2, KWK-4, WREC-3 new, WATT-6 new, WDBO-6, WSAV-3, WUSN-2, WPTV-5, WTAR-3, WRAL-5 new, WMBR-4, WJBK-6 new, WCYB-5 new, WNEM-5, WFBC-4, July 25, KTHV-11, KSD-5, KWK-4, WLAC-5, WSM-4, KFVS-12, KRNT-8, KOMU-8, WFMY-2, KOOK-2, July 26, KTVK-3, WTVJ-4, WPTV-5, KLRJ-2, KTLA-5, new, KRCA-4, KNXT-2, July 27, KTHV-11, KOLN-12, July 28, WOW-6, KMTV-3, KHQA-7, August 1, KTVO-3, Aug. 4, WMBR-2, Aug. 7, KRNT-8, KHAS-5 new Aug. 8, CHCT-2, August 11, WTVN-5 new, Aug. 14, CKCK-2, KKJB-4 new, CKX-5 new. This brings Ed's total logged up to 181 with 18 new for this period. Ed will begin college in a couple of weeks, so this will limit his DXing. He promises to at least send in a post card report each month. Good luck to you in college, and don't forget the P.Cord!

Eddie Albright of Medford, Oregon: July 24, KCKT-2, KDLO-3, KARD-3 ?? ch.4, July 26, KCKT-2, KARD-3, KGNC-4, KRGD-4, KOA-4, WLBT-3, CHCT-2, WMT-2, KOB-4, CKCK-2, KOOK-2, KXLF-4, (KGNC-4, Aug. 1) Aug. 4, KBOI-2 KARD-3-Aug. 9 and unid on ch. 3 on Aug. 13 and 19th. Ed now has 69 logged with 4 new this time.

Jerry Don Burch of Hot Springs, Ark., - July 21, KUTV-2, WUSN-2, WOSC-5, WBTB-3, WTAR-3, WFN-2, WSAV-3, WJBF-6, WMBR-4, WFAA-3, WCTV-6 WISH-6 new, WABD-5, WRCV-3, WFIL-6, WGR-2, KDKA-2, WTTG-5, WJAC-6, WRAL-5, WLWT-5, WCHS-2, WRCA-4, WRC-2, WEWS-5, WNEM-5, WFRV-5, WBAY-2, WTVN-6, KDAL-3, WDSM-6, KSTP-5, WDAY-6, WOI-5, WOW-6, KMTV-6, KDLO-3, WTVR-6 KFYR-5, CKCK-2, WJBK-2, KKJB-4, WMT-2, KGLO-3, KMTV-3, KOTA-3, CJIC-2 KCKT-2, WBBM-2, CKX-5 new, WGBH-2, WLWD-2, WBBN-4, WLWC-4, WMBR-2, WROC-5, KYW-3, CBPA-2, KTCA-2, CBWT-4 (KKJB-4, KMTV-3, KOTA-3, CKX-5, CBWT 4 all new) July 25-All tropes--- WLWT-5, WLWD-2, KSD-5, KWK-4, WSM-4, WLAC-5, WFBM-6, WAVE-3, WPCO-9, WTTV-4, WISH-8, WTVW-7, WHIO-7, WKRC-12 WSIX-8, WPSD-6, WKTV-13, WSPD-13, E skip-WFMY-2, WUSN-2, WBTB-3, WMFD-6, CBFT-2, KDKA-2, KUTV-2, WMBR-2, WTAR-3, July 26, tropes, KSD-5, KWK-4, WFBM-6, WISH-8, E skip-XEW-8, XHTV-4, XEZ-3, KTVK-3, KLRJ-2, WMBR-4 XHGC-5, July 27, KSD-5, KWK-4 KFVS-12, WBRZ-2 all tropes. Jerry now has 219 stations logged with 13 new ones.

Gene Webb of Seattle, Wn.: May 25, KCKT-2, May 26, KPTV-12 tropes CHEK-6, June 11, KNXT-2, KLRJ-2, KCKT-2, KTVR-2, KARD-3, June 13, KLRJ-2, KTVR-2, KUTV-2, June 18, KNXT-2, June 20, KNXT-2, KCKT-2, May 26 CKCK-2, June 20, CKCK-2, KMTV-3, KCKT-2, KTVI-2, KUTV-2, June 21, KMTV-3, KUTV-2, June 23, KREM-2 tropes, June 28, KNXT-2, KREM-2 tropes, July 2 KCKT-2, July 3, KTVR-2, KNXT-2, July 8, KNXT-2, July 9, KREM-2 tropes. July 11, KNXT-2, July 12, KCKT-2, July 13, KCKT-2, July 18, KNXT-2, July 21, KNXT-2, KCKT-2, KARD-3, KTVR-2, July 24, KCKT-2, WOW-6, July 26, KCKT-2, KUTV-2, KFDX-3, KLRJ-2, July 22, KREM-2 tropes, July 28, KDLO-3, KDIX-2, July 29, KCKT-2, KARD-3, KTVR-2, KMTV-3, CKCK-2, KNXT-2, Aug. 4, KNXT-2, KLRJ-2, Aug. 10, KDIX-2, Aug. 11, KUTV-2, Aug. 21 KPIX-5, Aug. 23, KUTV-2, July 26, KTWO-2, July 26, KPRC-2. (yes you can log a station if you only heard it audio wise and not video Gene.) Gene has 23 logged now, with 13 new this period.

Edwin Shorey of Derby Kansas: July 23, KOLN-10 tropes, July 24, KOLN-10 tropes, WRC-4, WFMY-2, WTTG-5, KDKA-2, CKCK-2, July 25, KOLN-10 tropes, WOW-6, tropes, KHAS-5 tropes, WTVG-5, WUSN-2, KNXT-2, KBOI-2, KFEQ-2 tropes, July 26, KEYT-3, KNXT-2, July 27, KFEQ-2, WFAA-8, tropes, July 28 KFEQ-2 tropes, WOW-6 tropes, July 29, KFEQ-2, KOLN-10, WFAA-8, KHPL-6 all tropes. July 31, KTTS-10, WOW-6 all tropes, Aug. 2, WFAA-8, KOLN-10 tropes, Aug. 3, KOLN-10, KTTS-10, WFAA-8, KHAS-5 tropes, Aug. 4, KTTS-10 tropes, Aug. 5, WFAA-8, KOLN-10 all tropes, Aug. 6, KONE-8, WFAA-8, KTTS-10, WMCT-5, KLTV-7, all tropes, Aug. 7, WFAA-8, KLTV-7, WOW-6, tropes, xxxxx Aug. 8, KOMU-8, CHCT-2 new tropes at 1270 miles! by skip WUSN-2. Aug. 10, KTTS-10, KNAC-5, KHAS-5, all tropes. Edwin comes up with 1 new for this month bringing his total logged to 173.